

LISTING OF THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) An apparatus for controlled rate dispensing of a liquid contained in a flexible bag, said apparatus including:
 - a chamber ~~adapted~~ configured to contain the flexible bag containing the liquid;
 - an outlet from the chamber ~~adapted~~ configured to receive an outlet conduit communicating with an interior of the flexible bag;
 - a source of gas arranged to provide gas to apply pressure to at least part of exterior walls of the flexible bag in the chamber; and
 - a pressure regulator operable to self-regulate ~~maintain~~ the pressure applied to the exterior walls of the bag at a constant and predetermined level by regulating throughout a duration of the dispensing the pressure of the gas provided by the source of gas, whereby pressure applied to the exterior walls causes liquid to be dispensed from the flexible bag through the outlet conduit at a controlled rate.
2. (Currently Amended) The apparatus according to claim 1, wherein
 - the chamber is a substantially gas-tight chamber;
 - the outlet from the chamber is operable to seal the outlet conduit to the chamber; and
 - the source of gas is operable ~~arranged~~ to supply the gas under pressure to the interior of the chamber, thereby applying pressure to the exterior walls of the flexible bag.
3. (Canceled)
4. (Currently Amended) The apparatus according to claim 1, further comprising an inflatable bladder, wherein ~~and~~ the source of gas is connected to the inflatable bladder which is placed and operable such that, in use, the inflatable bladder is in contact with at least part of an exterior wall of the flexible bag.
5. – 6. (Canceled)

7. (Previously Presented) The apparatus according to claim 4, wherein the inflatable bladder comprises an inflatable sock positioned and operable to wrap around at least part of the flexible bag.

8. (Canceled)

9. (Previously Presented) The apparatus according to claim 1, wherein the source of gas comprises a pressure vessel of pre-compressed gas.

10. (Previously Presented) The apparatus according to claim 1, wherein the source of gas comprises a reservoir pressurised by a pump.

11. (Previously Presented) The apparatus according to claim 1, wherein the flexible bag is a medical supply bag of the type used to supply intravenous drip fluids for patients.

12. – 14. (Canceled)

15. (Previously Presented) The apparatus according to claim 9, wherein the chamber has a cuboidal configuration with a depth significantly less than a length or width of the chamber, and wherein the pressure vessel and the pressure regulator are located alongside the chamber in a common housing arranged such that the pressure vessel and pressure regulator are contained within the depth of the housing.

16. – 18. (Canceled)

19. (Previously Presented) The apparatus according to claim 4, wherein the pressure regulator is operable to regulate the flow of gas from the source of gas into the inflatable bladder.

20. (New) The apparatus according to claim 1, wherein the apparatus comprises a second chamber comprising the source of gas and the pressure regulator.